

Amendments to the Claims

Please cancel claims 11-14, 16, 17, and 19 without prejudice.

The following listing of claims will replace all prior versions and/or listings of claims in the application:

Listing of Claims:

1. (Currently amended): A freewheel bearing device comprising:

an outer element;

an inner element placed in the outer element;

a rolling bearing; and

a freewheel provided with at least one jamming element, the rolling bearing and the freewheel being mounted adjacent between the inner element and the outer element to leave free a rotation movement in one direction and to transmit a torque in the other direction between the outer element and the inner element;

wherein the at least one jamming element is mounted between, and in contact with, one of the outer and inner elements, and a first cylindrical surface of a race of the freewheel, and wherein the jamming elements of the freewheel are cams, rollers or pawls; and

a torque limiter member capable of limiting the torque transmitted by the freewheel, the torque limiter member being placed radially on a second cylindrical surface of the race of

the freewheel, between the race and the other one of the outer and inner elements with which the at least one jamming element is not in contact.

2. (Previously presented): The device as claimed in claim 1, wherein the torque limiter member is mounted in series with the freewheel to limit the torque transmitted by the unidirectional engagement member in the torque transmission position.

3. (Previously presented): The device as claimed in claim 1, wherein the torque limiter member comprises at least one friction element.

4. (Previously presented): The device as claimed in claim 3, wherein the friction element comprises a radial friction surface.

5. (Previously presented): The device as claimed in claim 3, wherein the friction element comprises an axial friction surface delimited by two radial planes.

6-7. (Canceled)

8. (Previously presented): The device as claimed in claim 1, wherein raceways for the rolling elements of the bearing are arranged in the inner and outer elements.

9. (Canceled)

10. (Previously presented): The device as claimed in claim 1, wherein the second cylindrical surface comprises two annular ribs, the torque limiter being placed between the ribs.

11-17. (Canceled)

18. (Previously presented): The device as claimed in claim 1, wherein the freewheel comprises a spring provided with an end fixedly attached to the torque limiter member and coils in friction contact on the inner or outer element.

19. (Canceled)

20. (Previously presented): The device as claimed in claim 1, wherein the torque limiter member comprises a friction element and an element for prestressing the friction element against the race and/or the outer element or the inner element.

21. (Previously presented): The device as claimed in claim 1, wherein the torque limiter member is prestressed between two separate pieces.

22. (Canceled)

23. (New): A freewheel bearing device comprising:

an outer element;

an inner element placed in the outer element;

a rolling bearing; and

a freewheel provided with at least one jamming element, the rolling bearing and the freewheel being mounted adjacent between the inner element and the outer element to leave free a rotation movement in one direction and to transmit a torque in the other direction between the outer element and the inner element;

wherein the at least one jamming element is mounted between, and in contact with, one of the outer and inner elements, and a first cylindrical surface of a race of the freewheel; and

a torque limiter member capable of limiting the torque transmitted by the freewheel, the torque limiter member being placed radially on a second cylindrical surface of the race of the freewheel, between the race and the other one of the outer and inner elements with which the at least one jamming element is not in contact, wherein the torque limiter member comprises an open elastic ring provided with an outer friction surface and an inner friction surface.

24. (New): The device as claimed in claim 23, wherein the open elastic ring is made of steel sheet and has a U-channel provided with two axial flanges.

25. (New): A freewheel bearing device comprising:

an outer element;

an inner element placed in the outer element;

a rolling bearing; and

a freewheel provided with at least one jamming element, the rolling bearing and the freewheel being mounted adjacent between the inner element and the outer element to leave free a rotation movement in one direction and to transmit a torque in the other direction between the outer element and the inner element;

wherein the at least one jamming element is mounted between, and in contact with, one of the outer and inner elements, and a first cylindrical surface of a race of the freewheel; and

a torque limiter member capable of limiting the torque transmitted by the freewheel, the torque limiter member being placed radially on a second cylindrical surface of the race of the freewheel, between the race and the other one of the outer and inner elements with which the at least one jamming element is not in contact, wherein the torque limiter member comprises a plurality of elastic tongues.

26. (New): A freewheel bearing device comprising:

an outer element;

an inner element placed in the outer element;

a rolling bearing; and

a freewheel provided with at least one jamming element, the rolling bearing and the freewheel being mounted adjacent between the inner element and the outer element to leave free a rotation movement in one direction and to transmit a torque in the other direction between the outer element and the inner element;

wherein the at least one jamming element is mounted between, and in contact with, one of the outer and inner elements, and a first cylindrical surface of a race of the freewheel; and

a torque limiter member capable of limiting the torque transmitted by the freewheel, the torque limiter member being placed radially on a second cylindrical surface of the race of the freewheel, between the race and the other one of the outer and inner elements with which the at least one jamming element is not in contact, wherein the torque limiter member comprises an elastic ring made of synthetic material provided with an outer or inner friction surface and a respectively inner or outer attachment surface.

27. (New): A freewheel bearing device comprising:

an outer element;

an inner element placed in the outer element;

a rolling bearing; and

a freewheel provided with at least one jamming element, the rolling bearing and the freewheel being mounted adjacent between the inner element and the outer element to leave free a rotation movement in one direction and to transmit a torque in the other direction between the outer element and the inner element;

wherein the at least one jamming element is mounted between, and in contact with, one of the outer and inner elements, and a first cylindrical surface of a race of the freewheel; and

a torque limiter member capable of limiting the torque transmitted by the freewheel, the torque limiter member being placed radially on a second cylindrical surface of the race of the freewheel, between the race and the other one of the outer and inner elements with which the at least one jamming element is not in contact, wherein the torque limiter member comprises a body in the shape of an open ring.

28. (New): The device as claimed in claim 27, wherein the torque limiter member further comprises an elastic element for prestressing the body.